



(19)

(11) Publication
number:

2000131

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 10334883

(51) Int1. Cl.: G01M 11/02 G01M
11/00

(22) Application date: 20.10.98

(30) Priority:

(43) Date of
application 12.05.00
publication:(84) Designated
contracting
states:

(71) Applicant: TOMEY CORP

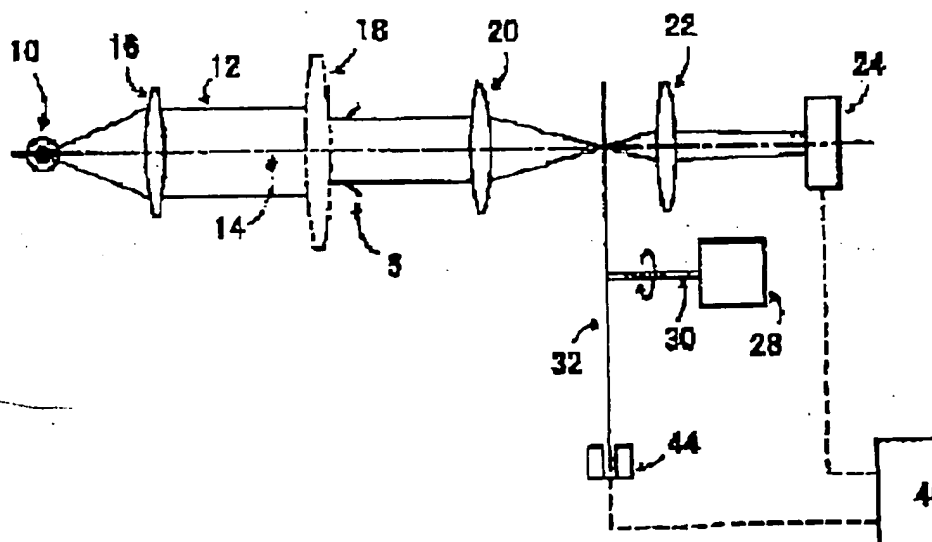
(72) Inventor: OGAWA YOSHINOBU
SUZUKI TOSHIYUKI

(74) Representative:

(54) LENS METER

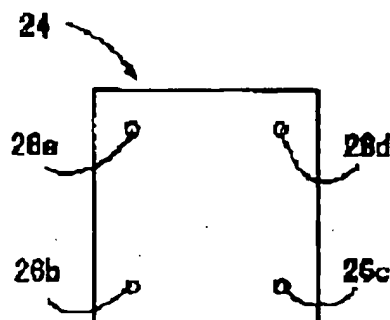
(57) Abstract:

PROBLEM TO BE SOLVED:
To obtain a lens
meter, with which the
kind of lens to be
inspected can be
discriminated easily
by only placing the
lens to be inspected
on a lens receiver
base by a method,
wherein a measuring
luminous flux is
divided by a light-
receiving element



having three or more light receiving points and the relative position of each divided luminous flux, is computed.

SOLUTION: Four photoelectric conversion elements (light-receiving points) 26a to 26d are arranged and installed in four corners of a square light-receiving face on a light-receiving element 24. Then, the output signals of the respective photoelectric conversion elements 26a to 26d and a reference position signal, which is obtained by a reference position sensor 44 installed at a rotating plate 32, are input in a processor module 46, and the displacement amount and the change direction on the installation face of the rotating plate 32 of light which is transmitted through a lens 18 to be



inspected are
calculated. In this
manner, the position
of each position
corresponding to a
point to be inspected
on the light-receiving
element 24 is
calculated. On the
basis of the relative
positional
relationship of each
point, whether the
lens 18 to be
inspected is a single-
focus lens or a
progressive-focus lens
is discriminated.

COPYRIGHT: (C)2000,JPO